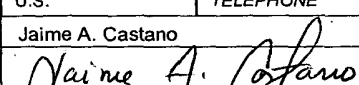


Please type a plus sign (+) in this box → ☐

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new nonprovisional applications under 37 CFR 1.53 (b))		Attorney Docket No.: 101.0021 US CON	
		First Named Inventor or Application Identifier: SMITH, DR	
		Title: Method and Apparatus to Monitor, Control and Log Subsea Oil and Gas Wells	
		Express Mail Label No.: EY 337 085 532 US	
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and duplicate for fee processing) 2. <input checked="" type="checkbox"/> Specification [Total Pages:] 27 - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed-sponsored R & D - Reference to Microfiche Appendix - Background of the invention - Brief Summary of the invention - Brief Descriptions of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawings (35 U.S.C. 113) [Total Sheets:] 3 4. Oath or Declaration [Total Pages:] 1 a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 16 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		5. <input type="checkbox"/> Microfiche Computer Program (Appendix) 6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying identity of above copies	
<b>ACCOMPANYING APPLICATION PARTS</b>			
7. <input type="checkbox"/> Assignment papers (cover sheet & document(s)) 8. <input checked="" type="checkbox"/> 37 C.F.R. 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee) 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/Form 1449 Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. <input type="checkbox"/> *Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status is still proper and desired (PTO/SB/09-12) 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. <input type="checkbox"/> Other: _____			
16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment: <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: 10/064,407 Prior application information: Examiner: BEACH, TA Group/Art Unit: 3671 For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
<b>17. CORRESPONDENCE ADDRESS</b>			
<input type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> Correspondence address below	
NAME Schlumberger Technology Corporation, Schlumberger Reservoir Completions			
ADDRESS 14910 Airline Road P.O. Box 1590			
CITY	Rosharon	STATE	Texas
COUNTRY	U.S.	TELEPHONE	(281) 285-5720
		FAX	(281) 285-5537
Name (Print/Type)	Jaime A. Castano		Registration No. (Attorney/Agent): 41,660
Signature			Date: 1 Aug 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

 22241 U.S. PTO  
 10/633045


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Smith, D.A.

Attorney Docket No.: 101.0021CON

Serial No.:

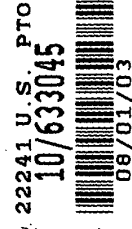
Art Unit:

Filed Herewith: August 1, 2003

Examiner:

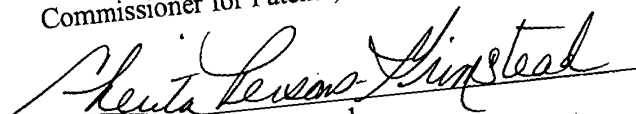
For: Method and Apparatus to Monitor, Control  
and Log Subsea Oil and Gas Wells

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



**CERTIFICATE OF MAILING**

I hereby certify that this Fee Calculation Sheet (in duplicate) is being deposited with the United States Postal Service as Express Mail No. EV 337 085 532 US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Cherita Persons-Grimstead

Aug 1, 2003  
Date

Cherita Persons-Grimstead  
Schlumberger Technology Corporation  
14910 Airline Road  
Rosharon, Texas 77583-1590  
Telephone: (281) 285-5104

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Smith, D.A.

Attorney Docket No.: 101.0021CON

Serial No.:

Art Unit:

Filed Herewith: August 1, 2003

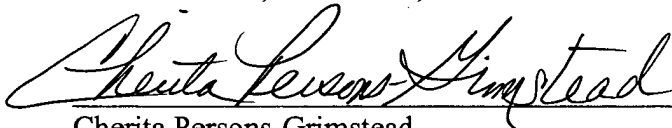
Examiner:

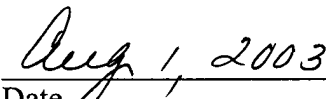
For: Method and Apparatus to Monitor, Control  
and Log Subsea Oil and Gas Wells

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that these drawings are being deposited with the United States Postal Service  
as Express Mail No. EV 337 085 532 US in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450.

  
Cherita Persons-Grimstead

  
Date

Cherita Persons-Grimstead  
Schlumberger Technology Corporation  
14910 Airline Road  
Rosharon, Texas 77583-1590  
Telephone: (281) 285-5104

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>FEE TRANSMITTAL</b>				<b>For FY 2003</b>			
Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.				Complete if Known			
<b>TOTAL AMOUNT OF PAYMENT</b>		\$1038.00		<b>Application Number</b>			
<b>METHOD OF PAYMENT (Check one)</b>				<b>Filing Date</b>			
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:				<b>First Named Inventor</b>		SMITH	
Deposit Account Number: 50-2475 Deposit Account Name: SENSOR HIGHWAY LIMITED				<b>Group Art Unit</b>			
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17				<b>Examiner Name</b>			
2. <input type="checkbox"/> Payment Enclosed:				<b>Attorney Docket Number</b>		101.0021US CON	
<input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				<b>FEE CALCULATION (continued)</b>			
<b>3. ADDITIONAL FEES</b>							
<b>Large Entity Fee Code</b>	<b>Entity Fee (\$)</b>	<b>Small Entity Fee Code</b>	<b>Entity Fee (\$)</b>	<b>Fee Description</b>	<b>Fee Paid</b>		
105	130	205	65	Surcharge - late filing fee or oath			
127	50	227	25	Surcharge - late provisional filing fee or cover sheet			
139	130	139	130	Non-English specification			
147	2,520	147	2,520	For filing a request for reexamination			
112	920*	112	920*	Requesting publication of SIR prior to Examiner action			
113	1840*	113	1840*	Requesting publication of SIR after Examiner action			
115	110	215	55	Extension for response within first month			
116	380	216	190	Extension for response within second month			
117	870	217	435	Extension for response within third month			
118	1,360	218	680	Extension for response within fourth month			
128	1,850	228	925	Extension for response within fifth month			
119	300	219	150	Notice of Appeal			
120	300	220	150	Filing a brief in support of an appeal			
121	260	221	130	Request for oral hearing			
138	1,510	138	1,510	Petition to institute a public use proceeding			
140	110	240	55	Petition to revive unavoidably abandoned application			
141	1,210	241	605	Petition to revive unintentionally abandoned application			
142	1,210	242	605	Utility issue fee			
143	430	243	215	Design issue fee			
144	580	244	290	Plant issue fee			
122	130	122	130	Petition to Commissioner			
123	50	123	50	Petitions related to provisional applications			
126	240	126	240	Submission of Information Disclosure Stmt			
581	40	581	40	Recording each patent assignment property (times number of properties)			
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))			
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))			
				Other fee (specify)			
				Other fee (specify)			
<b>1. BASIC FILING FEE</b>							
<b>Large Entity Fee Code</b>	<b>Entity Fee (\$)</b>	<b>Small Entity Fee Code</b>	<b>Entity Fee (\$)</b>	<b>Fee Description</b>	<b>Fee Paid</b>		
101	740	201	345	Utility filing fee			
106	310	206	155	Design filing fee			
107	480	207	240	Plant Filing fee			
108	760	208	380	Reissue filing fee			
114	150	214	75	Provisional filing fee			
<b>SUBTOTAL (1)</b>				\$750			
<b>2. CLAIMS</b>							
Total Claims				Extra			
36 -20 =				16			
Independent Claims				Fee from below			
2 -3 =				\$18.00 = \$288			
Multiple Dependent Claims				\$84.00 = \$0			
SUBTOTAL(2)				\$288			
<b>2. CLAIMS</b>							
<b>Large Entity Fee Code</b>	<b>Entity Fee (\$)</b>	<b>Small Entity Fee Code</b>	<b>Entity Fee (\$)</b>	<b>Fee Description</b>	<b>Fee Paid</b>		
103	18	203	9	Claims in excess of 20			
102	78	202	39	Independent claims in excess of 3			
104	260	204	130	Multiple dependent claims			
109	78	209	39	**Reissue independent claims over original patent			
110	18	210	9	**Reissue claim in excess of 20 and over original patent			
<b>SUBTOTAL(2)</b>				\$288			
<b>SUBTOTAL(3)</b>				\$0			
<b>*Reduced by Basic Filing Fee Paid</b>							
<b>SUBMITTED BY</b>				<b>Complete (if applicable)</b>			
Typed or Printed Name		JAIME A. CASTANO		Reg. Number		41,660	
Signature		Jaime A. Castano		Deposit Account		User ID	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Smith, D.A.

Attorney Docket No.: 101.0021CON

Serial No.:

Art Unit:

Filed Herewith: August 1, 2003

Examiner:

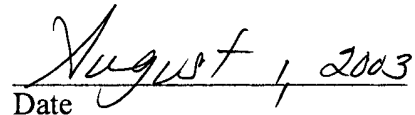
For: Method and Apparatus to Monitor, Control  
and Log Subsea Oil and Gas Wells

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that these specifications are being deposited with the United States Postal  
Service as Express Mail No. EV 337 085 532 US in an envelope addressed to: Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Cherita Persons-Grimstead

  
Date

Cherita Persons-Grimstead  
Schlumberger Technology Corporation  
14910 Airline Road  
Rosharon, Texas 77583-1590  
Telephone: (281) 285-5104

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Smith, D.A.

Attorney Docket No.: 101.0021CON

Serial No.:

Art Unit:

Filed Herewith: August 1, 2003

Examiner:

For: Method and Apparatus to Monitor, Control  
and Log Subsea Oil and Gas Wells

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that this Power of Attorney is being deposited with the United States Postal Service as Express Mail No. EV 337 085 532 US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Cherita Persons-Grimstead

  
Date

Cherita Persons-Grimstead  
Schlumberger Technology Corporation  
14910 Airline Road  
P.O. Box 1590  
Rosharon, Texas 77583-1590  
Telephone: (281) 285-5104

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Smith, D.A.

Attorney Docket No.: 101.0021CON

Serial No.:

Art Unit:

Filed Herewith: August 1, 2003

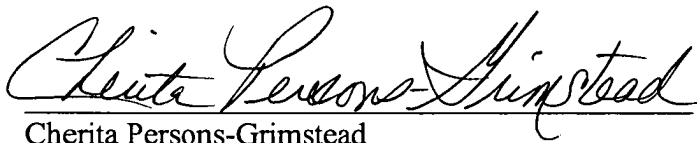
Examiner:

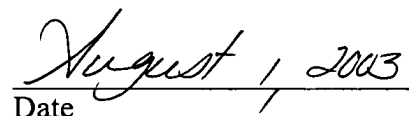
For: Method and Apparatus to Monitor, Control  
and Log Subsea Oil and Gas Wells

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that this Statement Under 37 CFR 3.73(b) is being deposited with the United States Postal Service as Express Mail No. EV 337 085 532 US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Cherita Persons-Grimstead

  
Date

Cherita Persons-Grimstead  
Schlumberger Technology Corporation  
14910 Airline Road  
Rosharon, Texas 77583-1590  
Telephone: (281) 285-5104